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## MEMORANDUM

U.S. Fish and Wildlife Service

To: Associate Manager, RF-S, Thru Field Biologist, RF-S

From: Refuge Manager, Back Bay NWR

Subject: Amendment to Deer Hunt Plan

Date: August 9, 1991

This memorandum constitutes a request to amend the Hunting Management Plan (Big Game) at the Back Bay NWR. The amendment has been discussed with Field Biologist Laskowski and is meant to correct a deficiency in the hunter selection process.

According to the Hunting Plan and Annual Hunting Program(s), potential hunters who apply with a partner are supposedly at no disadvantage over single applicants, with regard to probability of being selected. However, as Laskowski points out, in the event a paired applicant is selected for the final spot in any particular zone, it could result in his/her name being eliminated from consideration. This clearly puts paired applicants at a disadvantage.

The solution is to expand by one (1) the hunter density permitted in each zone, only in the event that a paired applicant is selected by the computer for the final spot. Thus, the following hunter densities will be possible, but only under the condition described above:

			11	hunters/294	acres	=	one	hunter/26.7	acres
			11	hunters/217	acres	=	one	hunter/19.7	acres
Zone	3		11	hunters/314	acres	=	one	hunter/28.6	acres
			4	hunters/ 87	acres	=	one	hunter/21.7	acres
			3	hunters/ 59	acres	=	one	hunter/19.7	acres
			8	hunters/225	acres	=	one	hunter/18.1	acres
			17	hunters/686	acres	=	one	hunter/40.4	acres
Zone	8		5	hunters/125	acres	=	one	hunter/25.0	acres
	Zone Zone Zone Zone Zone Zone	Zone 1 Zone 2 Zone 3 Zone 4 Zone 5 Zone 6 Zone 7 Zone 8	Zone 2 Zone 3 Zone 4 Zone 5 Zone 6 Zone 7	Zone 2 11 Zone 3 11 Zone 4 4 Zone 5 3 Zone 6 8 Zone 7 17	Zone 2 11 hunters/217 Zone 3 11 hunters/314 Zone 4 4 hunters/ 87 Zone 5 3 hunters/ 59 Zone 6 8 hunters/225 Zone 7 17 hunters/686	Zone 2 11 hunters/217 acres Zone 3 11 hunters/314 acres Zone 4 4 hunters/ 87 acres Zone 5 3 hunters/ 59 acres Zone 6 8 hunters/225 acres Zone 7 17 hunters/686 acres	Zone 2 11 hunters/217 acres = Zone 3 11 hunters/314 acres = Zone 4 4 hunters/ 87 acres = Zone 5 3 hunters/ 59 acres = Zone 6 8 hunters/225 acres = Zone 7 17 hunters/686 acres =	Zone 2 11 hunters/217 acres = one Zone 3 11 hunters/314 acres = one Zone 4 4 hunters/87 acres = one Zone 5 3 hunters/59 acres = one Zone 6 8 hunters/225 acres = one Zone 7 17 hunters/686 acres = one	Zone 2 11 hunters/217 acres = one hunter/19.7 Zone 3 11 hunters/314 acres = one hunter/28.6 Zone 4 4 hunters/ 87 acres = one hunter/21.7 Zone 5 3 hunters/ 59 acres = one hunter/19.7 Zone 6 8 hunters/225 acres = one hunter/18.1 Zone 7 17 hunters/686 acres = one hunter/40.4

The above hunter densities are all acceptable in terms of safety and are comparable to densities permitted at other refuges in Region 5. Your approval of this amendment is requested prior to the computer selection date of September 16, 1991.

anthony D'Legen

## APPENDIX B.

In the event that a paired applicant is selected by computer lottery for the final spot in any one zone, the following hunter densities may occur, replacing the densities listed in Appendix A. These will be maximum densities permitted and will occur only under the condition noted above. This adjustment is to allow for all potential hunters, paired or single, to have the same probability of being selected by the computer.

Zone		11	hunters/294	acres	=	one	hunter/26.7	acres
Zone	2	11	hunters/217	acres	=	one	hunter/19 7	acres
Zone	2	1 1	h /				11411001/13.7	acres
20116	3	T T	hunters/314	acres	=	one	hunter/28.6	acres
Zone	Α	A	hum+/ 07					ucres
		4	hunters/ 87	acres	=	one	hunter/21.7	acres
Zone	5	2	huntama / Fo					acres
20116		3	hunters/ 59	acres	=	one	hunter/19.7	acres
Zone	6	Ω	huntora /225			-		ucres
	_	O	hunters/225	acres	=	one	hunter/18.1	acres
Zone	7	17	hunters/686	2000			1	wor co
	-	± /	nancers/ 600	acres	=	one	nunter/40.4	acres
Zone	8	5	hunters/125				1	
	•	J	nuncers/123	acres	=	one	nunter/25.0	acres

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Submitted: Leger Refuge Manager	Date: 08/09/91
Reviewed: Hal Lashowel' Field Biologist	Date: 08/13/91
Approved: Therma / W. Charlier- Associate Manager	Date: 7-9-91